

1965

Architecture and Building: Courses and Timetables Session 1965-66

City of Dublin Vocational Education Committee

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CITY OF DUBLIN VOCATIONAL EDUCATION COMMITTEE

DEPARTMENT OF
**ARCHITECTURE
AND BUILDING**

COLLEGE OF TECHNOLOGY
BOLTON STREET, DUBLIN 1

Courses and Timetables

SESSION 1965-66

CALENDAR—SESSION 1965-66

- 1965—SEPT. 1 Wednesday Day Courses open for enrolment; Whole-time Day Apprentice Courses commence.
- 13 Monday - Part-time Day Apprentice Courses commence and Evening Courses open for enrolment.
- 27 Monday - Other Day Courses commence. Evening Courses commence.
- OCT. 20 Wednesday Votive Mass. All Classes closed.
- 29 Friday - Day Classes closed.
- NOV. 1 Monday - All Saints' Day. All Classes closed.
- DEC. 8 Wednesday *Feast of the Immaculate Conception.* All Classes closed.
- 22 Wednesday Final Class Meetings before Christmas Vacation.
- 1966—JAN. 10 Monday - All Classes resume after Christmas Vacation. Fifth Year Courses in Architecture commence.
- MAR. 12 Saturday - Fieldwork in connection with Evening Classes in Surveying and Levelling commences.
- 17 Thursday - *St. Patrick's Day.* School closed.
- 18 Friday - Day Classes closed.
- APRIL 5 Tuesday - Final Class Meetings before Easter Vacation. Final Meetings of Evening Classes. Final Meetings of Day Classes in Health Inspectors' Diploma Course.
- 18 Monday - Day Classes resume work after Easter Vacation.
- MAY 19 Thursday - *Ascension Day.* School closed.
- 30 Monday - *Whit Monday.* School closed.
- JUNE 3 Friday - Final Meetings of Day Classes in Architecture, Surveying and Building Technology.
- 6 Monday - Sessional Examinations commence.
- 9 Thursday - *Feast of Corpus Christi.* School closed.
- 24 Friday - End of Session.

Schools are closed on all Bank Holidays not specified in above calendar.

COLLEGE OF TECHNOLOGY BOLTON STREET

Principal:

DONAL F. O'DWYER, B.Arch., F.R.I.A.I.

Vice-Principal:

JOHN D. BARRY, M.Sc., B.E., M.I.Mech.E., M.I.C.E.I.

Vice-Principal, School of Trades, Yarnhall Street:

J. B. HICKEY, B.A.

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Secretary/Registrar:

LIAM O DULACHAIN, F.C.P.A., F.I.C.A.

DEPARTMENT OF ARCHITECTURE AND BUILDING

Head of Department:

THE PRINCIPAL

Assistant Head of Department: ALBERT J. BRADY, B.Arch., M.R.I.A.I.

Departmental Assistant (Architecture and Town Planning):

J. J. O'KEEFE, B.Arch., M.R.I.A.I.

Departmental Assistant (Surveying and Building Technology):

C. W. PARFITT, A.R.I.C.S., M.R.S.H., A.I.A.R.B.

Chief Instructor (Building Trades): R. GRIMES, FULL TECH. C. & G., LOND.

Head of Science Division: J. A. NUNAN, B.Sc.

Senior Instructor, Carpentry and Joinery and Woodcutting Machinists:

T. BRIDGEMAN, A.B.I.C.C., FULL TECH. C. & G.

Senior Instructor, Plumbing and Welding:

J. BOLTON, A.M.Inst.W., FULL TECH. C. & G.

Senior Instructor, Furniture Trades: M. MURRAY, HONS. C. & G.

Phone 49913/8.

1. TECHNOLOGICAL AND TECHNICIAN COURSES (DAY)

D/1 (A). DIPLOMA COURSE IN ARCHITECTURE

FIRST YEAR

Subject	Hours per Week
STUDIO WORK Including Architectural Drawing, Building Construction Drawing, Geometry, Free Drawing, Modelling, Graphics and work with other disciplines.	19½
MATHEMATICS	3
SCIENCE Including Physics, Chemistry, Mechanics and Experimental Laboratory Work, also Logic and Philosophy	10½
HISTORY OF ARCHITECTURE	2
THEORY OF ARCHITECTURE	—
Total Hours per Week	35

SECOND YEAR

Subject	Hours per Week
STUDIO WORK Including Architectural Design, Building Construction Drawing, Free Drawing and Modelling and Graphics as well as Measured Work and work with other disciplines.	25
THEORY OF ARCHITECTURE	1½
HISTORY OF ARCHITECTURE	1½
THEORY OF STRUCTURES Including Strength of Materials, Craftwork and Experimental Construction.	3½
BUILDING SERVICES—I	1½
BUILDING CONSTRUCTION	2
Total Hours per Week	35

THIRD YEAR

Subject	Hours per Week
STUDIO WORK Including Architectural Design, Building Construction, Architectural Free Drawing and Modelling, Graphics, Town and Country Planning, Cosmology and Ethics and work with other disciplines.	25
HISTORY OF ARCHITECTURE	1½
THEORY OF ARCHITECTURE	1½
STRUCTURAL ENGINEERING—I Including Building Materials, Building Services II, and Craftwork	7
Total Hours per Week	35

FOURTH YEAR

Subject	Hours per Week
STUDIO WORK Including Architectural Design, Building Construction, Free Drawing and Modelling, Graphics, Ethics and work with other disciplines.	30
STRUCTURAL ENGINEERING—II	2
THEORY OF ARCHITECTURE	—
IRISH ART AND ARCHITECTURE	1½
PROFESSIONAL PRACTICE AND LEGAL SUBJECTS—I	1½
Total Hours per Week	35

FIFTH YEAR

Subject	Hours per Week
STUDIO WORK Architectural Design, Building Construction, Town Planning, Structural Engineering.	32
PROFESSIONAL PRACTICE	1½
SPECIFICATIONS	1½
Total Hours per Week	35

D/1 (B). PART-TIME COURSE IN ARCHITECTURE

Class No.	Subject	Day Classes	Evening Classes		
		Hrs./week	Day	Time	Room
	FIRST YEAR:				
	Architectural Drawing and Design—I	8			
	History of Architecture—I	2½			
402B/2	Free Drawing and Modelling	2			
402B/1	Building Construction—I B		Fri.	7.30-10.0	A 5
403B	Building Construction—I B		Tues.	8.30-10.0	A 5
	Building Science—I B ...		Tues.	7.00-8.30	A 26
	SECOND YEAR:				
	Architectural Design—II ...	9			
	History of Architecture—II	1			
	Free Drawing and Modelling—II	3			
406/2	Building Construction—II ...		Thurs.	7.30-10.0	A 11
407	Mechanics		Tues.	7.00-8.30	A 20
406/1	Building Construction—II ...		Tues.	8.30-10.0	A 11
409	Surveying and Levelling—I		Mon.	7.30-10.0	A 3
	THIRD YEAR:				
	Architectural Design—III ...	9			
	History of Architecture—III	1			
	Free Drawing and Modelling—III	3			
410	Building Construction—III		Wed.	7.30-10.0	A 11
413	Building Services—I		Tues.	7.00-8.30	A 6
414/415	Strength of Materials and Theory of Structures ...		Tues.	8.30-10.0	A 3
	FOURTH YEAR:				
	Architectural Design—IV ...	12			
417	Building Construction—IV ...		Wed.	7.30-10.0	A 11
420	Structural Engineering—I (Adv.)		Tues.	7.00-8.30	A 3
421	Building Services—II ...		Tues.	8.30-10.0	A 7
	FIFTH YEAR:				
	Architectural Design—V ...	12			
	Professional Practice—I ...	2			
421	Structural Engineering—II (Adv.)		Tues.	7.00-8.30	A 3
	SIXTH YEAR:				
	Architectural Design—VI ...	12			
	Professional Practice—II ...	2			
	Specifications	1			

- Notes—1. Fieldwork in Surveying and Levelling will be provided on Saturday afternoons during late spring and early summer.
2. Evening Classes in the subjects, Professional Practice and Specifications, and Architectural Design for 3rd, 4th, and 5th year students who are unable to attend the afternoon classes may be provided if sufficient applications are received to justify the formation of classes.
3. Building Services I includes Water Supplies and Services, Drainage and Sanitation.
4. Building Services II includes Heating, Ventilating and Electrical Services

D/2. WHOLE-TIME COURSES IN BUILDING TECHNOLOGY COURSE A

Subject	Hours per Week		
	2nd Year	3rd Year	4th Year
Mathematics	5½	—	—
English	4½	—	—
Elements of Economics	3	—	—
Principles of Accounts	3	—	—
General Science	4½	—	—
Building Construction	4½	8½	—
Surveying and Levelling	4½	4½	—
Maintenance and Repair of Buildings ...	—	3	—
Office Routine and Book-keeping ...	—	1½	—
History of Building and Structure of the Industry	—	3	—
Building Services	—	4½	3
Quantities	—	4½	6
Philosophy	½	½	—
Ethics	—	—	½
Central and Local Government Law ...	—	—	1½
Law of Obligations	—	—	1½
Law of Property	—	—	1½
Law in Relation to Building	—	—	1½
Economic History	—	—	1½
Economic Organisation	—	—	1½
Estimating	—	—	4½
Building Construction	—	—	6½
Total Hours per Week	30	30	30

Note—Students sit for the G.C.E. Examination at the end of the second year and then continue into the third and fourth years of the course to sit the Intermediate and Final Part I of the Associateship Examination of the Institute of Builders.

This course commenced during session 1962/63.

COURSE B

Subject	1st Year	2nd Year
Surveying and Levelling	4½	4½
Office Routine and Book-keeping	3½	3½
History of Building and Structure of the Industry ...	4½	3
Building Construction	7½	7½
Building Services	3	3
Quantities	4½	4½
Elements of Economics	1½	1½
Philosophy	½	½
Estimating	—	1½
Hours per Week	30	30

Note—Students sit for the Intermediate Examination of the Institute of Builders at the end of the second year and then continue into the third year of the course to sit the Final Part I Examination.

D/3 (A). WHOLE-TIME COURSE IN GENERAL SURVEYING

Subject	Hours per Week			
	1st Year (1st & 2nd Term)	1st Year (3rd Term) 2nd Year (Terms 1 & 2)	2nd Year (3rd Term) 3rd Year (Terms 1 & 2)	3rd Year (3rd Term) 4th Year (Terms 1 & 2)
Valuations	3	3	3½	4½
Estate Management	—	—	—	7½
Economics	3	3	—	—
Law of Property I	2½	3	—	—
Law of Property II	—	—	3	—
Local Government Law	—	—	3	—
Elements of Irish Law	3	2½	—	—
Administrative Law	—	—	—	4½
National and Local Taxation	—	—	4½	—
Town and Country Planning	—	—	4½	—
Arbitrations	—	—	—	1½
Report Writing	—	—	—	1½
Basic Photography	—	—	—	1½
Building Construction and Materials	7½	9	6	—
Building Services	—	1½	1½	—
Maintenance and Repair of Buildings	—	—	—	5½
Practical Task	3	3	3	3
Surveying and Levelling	4½	4½	—	—
General Science	3	—	—	—
Philosophy	¾	¾	—	—
Ethics	—	—	¾	¾
Total Hours per Week	30	30	30	30

Notes—1. "Practical Task" is instruction related to the submission of a thesis by the students to the R.I.C.S. as part of their examination.

2. Students sit for the First Examination of the R.I.C.S. at the end of the second term of the second year, the Intermediate Examination at the end of the third year and then continue with the course to prepare for the Final Examination.

D/3 (B). PART-TIME COURSE IN GENERAL SURVEYING

Subject	Hours per Week							
	1st Year (1st & 2nd Terms)		1st Year (3rd Term) 2nd Year (Terms 1 & 2)		2nd Year (3rd Term) 3rd Year (Terms 1 & 2)		3rd Year (3rd Term) 4th Year (Terms 1 & 2)	
	D	E	D	E	D	E	D	E
Building Construction ...	—	4	—	4	—	2½	—	2½
Surveying and Levelling ...	—	—	—	2½	—	2½	—	—
Mechanics	—	—	—	1½	—	—	—	—
Economics	1½	—	1½	—	—	—	—	—
Law of Property I	1½	—	1½	—	—	—	—	—
Elements of Irish Law	1½	—	1½	—	—	—	—	—
Valuations	1½	—	1½	—	1½	—	1½	—
Building Services	—	—	—	—	1½	—	—	—
Law of Property II	—	—	—	—	1½	—	—	—
Local Government Law	—	—	—	—	1½	—	—	—
Estate Management	—	—	—	—	—	—	1½	—
Administrative Law	—	—	—	—	—	—	1½	—
Arbitrations	—	—	—	—	—	—	1½	—
National and Local Taxa- tions	—	—	—	—	—	1½	—	—
Town and Country Plan- ning	—	—	—	—	—	1½	—	—
Repair and Maintenance of Buildings	—	—	—	—	—	—	—	2½
Total Hours per Week	6	4	6	8	6	8	6	5

D=Day Classes. E=Evening Classes.

With the exception of "National and Local Taxation" and "Town and Country Planning" and "Repair and Maintenance of Buildings" the evening classes are concurrent with those of the Building Technology Evening Course.

Notes—1. "Practical Task" is instruction related to the submission of a thesis by the students to the R.I.C.S. as part of their examination.

2. Students sit for the First Examination of the R.I.C.S. at the end of the second term of the second year, the Intermediate Examination at the end of the third year and then continue with the course to prepare for the Final Examination.

D/4 (A). WHOLE-TIME COURSE IN QUANTITY SURVEYING

Subject	Hours per Week				
	1st Year (1st & 2nd Terms)	1st Year (3rd Term)	2nd Year (Term 3)	3rd Year (Term 3)	4th Year (Term 3)
		2nd Year (Terms 1 & 2)	3rd Year (Terms 1 & 2)	4th Year (Terms 1 & 2)	
Building Economics and Cost Planning	—	—	—	1½	6
Quantities	6	8½	6½	—	—
Economics	1½	1½	1½	—	—
Arbitrations	—	—	—	1½	—
Principles of Law	3	1½	1½	—	—
Principles of Law of Contract	—	—	—	1½	—
Analysis of Builders' Prices	—	—	1½	3½	—
Principles of Structural Design	1½	1½	3	—	—
Building Construction and Materials	9½	7½	6	6	—
Specifications	—	—	1½	1½	—
Building Services I	1½	1½	1½	—	—
Building Services II	—	—	—	3	—
Practical Task	3	3	1½	3	—
Surveying and Levelling	—	4½	4½	—	—
Basic Photography	—	—	—	1½	—
General Science	3	—	—	—	—
Philosophy	¾	¾	—	—	—
Ethics	—	—	¾	¾	—
Total Hours per Week	30	30	30	30	—

Notes—1. "Building Services I" includes water supplies, sanitary fittings and their wastes and soils and underground drainage and sewage disposal systems.

2. "Building Services II" includes electrical, heating and ventilation installations and sound insulation construction.

3. "Practical Task" instruction is related to submission of a thesis by the students to the R.I.C.S. between Intermediate and Final Part I Examinations.

4. Students sit for the Intermediate Examination of the R.I.C.S. at the end of the second term of the third year, and then continue with the course to prepare for the Final Part I Examination.

5. As the students of this course have for the past two years entered also for the examinations of the Institute of Quantity Surveyors, it is proposed, as an interim measure, that students sit the first examination of this body at the end of the second term of the third year and then continue with the course to prepare for the 2nd and 3rd examinations pending discussions with the bodies concerned.

6. The first year of the course may be revised before the commencement of classes as a result of talks with the professional bodies concerned.

D/4 (B). PART-TIME COURSE IN QUANTITY SURVEYING

Subject	Hours per Week							
	1st Year (1st & 2nd Terms)		1st Year (3rd Term) 2nd Year (Terms 1 & 2)		2nd Year (Term 3) 3rd Year (Terms 1 & 2)		3rd Year (Term 3) 4th Year (Terms 1 & 2)	
	D	E	D	E	D	E	D	E
Building Economics and Cost Planning	—	—	—	—	—	—	—	1½
Building Construction ...	—	4	—	4	—	2½	—	2½
Building Services I ...	—	—	—	—	—	1½	—	—
Building Services II ...	—	—	—	—	—	—	—	1½
Strength of Materials and Theory of Structures ...	—	—	—	—	—	1½	—	—
Surveying and Levelling	—	—	—	2½	—	2½	—	—
Quantities	1½	—	3	1½	3	1½	—	—
Estimating	—	—	—	—	—	1½	—	1½
Economics	1½	—	1½	—	1½	—	—	—
Principles of Law ...	3	—	1½	—	1½	—	—	—
Principles of Law of Contract	—	—	—	—	—	—	1½	—
Arbitrations	—	—	—	—	—	—	1½	—
Specifications	—	—	—	—	—	—	3	—
Mechanics	—	—	—	1½	—	—	—	—
Total Hours per Week	6	4	6	9½	6	11	6	7

D=Day Classes. E=Evening Classes.

Evening Classes are concurrent with those of the Building Technology Evening Course.

Note—1. The first year of the course may be revised before the commencement as a result of talks with the professional bodies concerned.

D/5. WHOLE-TIME COURSE IN LAND SURVEYING

Subject	Hours per Week First Year
Pure Mathematics	3
Applied Mathematics	3
Physics	3
Map Reading	1½
Chain Surveying and Levelling	9½
Plotting and Fair Drawing	4½
Elementary Astronomy	1½
Practical Task	3
Philosophy	¾
Total Hours per Week	30

Notes—1. "Practical Task" is instruction related to submission of a thesis by the students to the R.I.C.S. as part of their examinations.

D/6. PART-TIME COURSE IN TOWN AND COUNTRY PLANNING

Class No.	Subject	Day Classes	Evening Classes		
		Hrs./wk.	Day	Time	Room
FIRST YEAR:					
433	Town Planning Practice ...	6½			
	Historical Development of Planning		Thurs.	8.30-10.00	A 4
434	Elements of Applied Geology and Economic Geography ...		Thurs.	8.30-10.00	A 4
435	Planning Theory		Thurs.	7.00-8.30	A 4
436	Civil Engineering in relation to Planning ¹		Fri.	8.30-10.00	A 4
437	Architectural Design in relation to Planning ²		Fri.	7.00-8.30	A 4
Total Hours per Week ...		6½		4½	
SECOND YEAR:					
438	Town Planning Practice ...	6½			
	Law in relation to Planning ...		Tues.	8.30-10.00	A 4
439	Civil Engineering in relation to Planning ¹		Mon.	8.30-10.00	A 4
440	Landscape Design in relation to Planning ²		Mon.	8.30-10.00	A 4
441	Planning Theory		Mon.	7.00-8.30	A 4
442	Economics of Land Use ...		Tues.	7.00-8.30	A 4
Total Hours per Week ...		6½		6	

¹To be taken by architect students only.

²To be taken by engineer students only.

D/7 (A). HEALTH INSPECTORS' DIPLOMA COURSE

Subject	Hours per Week	
	3rd Year	4th Year
Seaport Control ...	...	1
Public Health Law and Administration ...	4½	2½
Water Supplies ...	1½	—
Drainage and Sewerage ...	1½	—
Food Inspection ...	5	—
Building Construction ...	2	—
Microbiology ...	3½	—
Tutorial ...	1	6½
Field Hygiene ...	—	1
Food Hygiene ...	—	3
Vital Statistics ...	1	—
Radiological Health and Safety ...	—	1½
Pest Control ...	1½	—
Airport Control ...	—	1
Public Cleansing ...	1½	1½
Infectious Diseases ...	1½	—
Atmospheric Pollution ...	3	2½
Heating, Lighting and Ventilation ...	2	2½
Specifications, Quantities and Estimating ...	2½	—
Housing Law ...	—	1
Health Education ...	—	1
Inspection and Report Writing ...	—	1½
Philosophy ...	—	1
Logic ...	1	—
Milk and Milk Products ...	—	1½
Meat Inspection ...	—	2
Building Hygiene ...	—	1½
Total Hours per Week ...	33	32½

2. TECHNOLOGICAL AND TECHNICIAN COURSES (EVENING)

E1. EVENING COURSE IN BUILDING TECHNOLOGY

Class No.	Subject	Day	Time	Room	Teacher
INTRODUCTORY YEAR:					
400	Building Draughtsmanship ...	Mon.	7.30-10.0	A 11	P. Doyle
401	Mathematics—I ...	Tues.	7.00-8.30	A 5	F. Patterson
424	English ...	Tues.	8.30-10.0	A 4	M. O'Kelly
FIRST YEAR—GROUP A:					
402A/1	Building Construction—IA (Elem.) ...	Tues.	7.00-8.30	A 11	W. Gilligan
403A	Building Science—IA ...	Tues.	8.30-10.0	A 26	D. O'Sullivan
402A/2	Building Construction—IA (Elem.) ...	Fri.	7.30-10.0	A 11	W. Gilligan
404A	Mathematics—IIA ...	Mon.	7.00-8.30	A 4	F. Patterson
FIRST YEAR—GROUP B:					
402B/1	Building Construction—IB (Elem.) ...	Tues.	8.30-10.0	A 5	P. Doyle
402B/2	Building Construction—IB (Elem.) ...	Fri.	7.30-10.0	A 5	P. Doyle
403B	Building Science—IB ...	Tues.	7.00-8.30	A 26	D. O'Sullivan
404B	Mathematics—IIB ...	Mon.	8.30-10.0	A 4	F. Patterson
SECOND YEAR—GROUP A:					
406A/1	Building Construction—II (Inter.) ...	Tues.	8.30-10.0	A 11	M. Brogan
407/A	Mechanics ...	Tues.	7.00-8.30	A 20	G. Monaghan
406A/2	Building Construction—II ...	Thurs.	7.30-10.0	A 11	M. Brogan
409/A	Surveying and Levelling—I ...	Fri.	7.30-10.0	A 3	Cpt. Walsh
408/A	Quantities—I ...	Wed.	7.00-8.30	A 4	P. Duffy
SECOND YEAR—GROUP B:					
406B/1	Building Construction—II ...	Mon.	7.30-10.0	A 6	M. Brogan
407/B	Mechanics ...	Thurs.	7.00-8.30	A 20	C. Monaghan
406B/2	Building Construction—II ...	Wed.	7.00-8.30	A 6	M. Brogan
409/B	Surveying and Levelling—I ...	Tues.	7.30-10.0	A 3	Cpt. Walsh
408/B	Quantities—I ...	Wed.	8.30-10.0	A 4	P. Duffy
THIRD YEAR:					
410	Building Construction—III (Inter.) ...	Wed.	7.30-10.0	A 11	S. Rothery
411	Estimating—I ...	Fri.	7.00-8.30	A 6	P. Duffy
412	Quantities—II (Adv.) ...	Fri.	8.30-10.0	A 6	P. Duffy
413	Building Services—I ...	Tues.	7.00-8.30	A 6	D. Ryan
414/415	Strength of Materials and Theory of Structures (Inter.)	Tues.	8.30-10.0	A 3	W. O'Brien
FOURTH YEAR:					
417	Building Construction—IV (Adv.) ...	Wed.	7.30-10.0	A 11	S. Rothery
418	Estimating—II ...	Thurs.	7.00-8.30	A 7	P. Duffy
419	Quantities—III (Adv.) ...	Thurs.	8.30-10.0	A 7	P. Duffy
420	Structural Engineering—I (Adv.)	Tues.	7.00-8.30	A 3	W. O'Brien
421	Building Services—II ...	Tues.	8.30-10.0	A 7	P. Clonan

E1. Evening Course in Building Technology (Contd.).

Class No.	Subject	Day	Time	Room	Teacher
FIFTH YEAR:					
422	Building Practice and Law ...	Wed.	8.30-10.0	A 4	C. Parfitt
423	Structural Engineering—II (Adv.) ...	Tues.	7.00-8.30	A 3	W. O'Brien

Notes—1. Fieldwork in Surveying and Levelling will be done on Saturday afternoons during late spring and early summer.
2. Building Services I includes Water Supplies and Services and Drainage and Sanitation. Building Services II includes Heating, Ventilation and Electrical Services.

E/2. EVENING COURSE IN LAND-SURVEYING AND LEVELLING

FIRST YEAR:					
409/C	Surveying and Levelling—I ...	Mon.	7.30-10.0	A 3	Cpt. Walsh
SECOND YEAR:					
416/A	Surveying and Levelling—II ...	Wed.	7.30-10.0	A 3	Cpt. Walsh

E3. EVENING COURSE IN TIMBER TECHNOLOGY

Class No.	Subject	Day	Time	Room	Teacher
FIRST YEAR:					
430	Timber Technology—I ...	Thurs.	7.30-9.30	A 7	L. Gallagher
SECOND YEAR:					
431	Timber Technology—II ...	Tues.	7.30-9.30	—	—
THIRD YEAR:					
432	Timber Technology—III ...	Mon.	7.30-9.30	A 35	L. Gallagher

E4. ARCHITECTURAL DESIGN

439/1	Architectural Design ...	Mon.	7.00-10.0	A 2	S. Stephenson
439/2	Architectural Design ...	Fri.	7.00-10.0	A 2	S. Stephenson
Total Hours per Week ...		6			

3. TRADE COURSES (DAY)

D/101. BRICKLAYING (WHOLE-TIME)

Subject	Hours per Week	
	1st Year	2nd Year
Trade—Theory and Practice	16½	21
Science	3	—
Technical Drawing	2	2
Mathematics	1½	2½
English	1	—
Irish	1½	—
Religious Instruction and Debate	2½	2½
Physical Education and Swimming	1	2
Total Hours per Week	30	31

Note—On completion of this Course, students transfer to the third year of the Evening Course (E/101).

FURNITURE TRADE—DAY RELEASE CLASSES

Class No.	Subject	Hours per Week
D/102A	CABINETMAKING, CHAIRMAKING:	
	Trade Practice	3
	Trade Theory	2
	Drawing and Design	3½
D/102B	WOODFINISHING (Linen Hall):	
	Trade Practice and Theory	5½
	Religious Knowledge	¼
D/102C	UPHOLSTERY (Linen Hall):	
	Trade Practice and Theory	5½
	Religious Knowledge	¼

D/103. CARPENTRY AND JOINERY (PART-TIME DAY)

Subject	Hours per Week
FIRST YEAR:	
Associated Subjects	1
Trade Theory and Drawing—I	2½
Trade Practice—I	3
SECOND YEAR:	
Associated Subjects	1
Trade Theory and Drawing—II	2½
Trade Practice—II	3
THIRD YEAR:	
Associated Subjects	1
Trade Theory and Drawing—III	2½
Trade Practice—III	3
FOURTH YEAR:	
Associated Subjects	1
Trade Theory and Drawing—IV	2½
Trade Practice—IV	3
FIFTH YEAR:	
Associated Subjects	1
Trade Theory and Drawing—V	2½
Trade Practice—V	3

D/104. COACHPAINTING (PART-TIME DAY) (LINEN HALL)

Subject	Hours per Week
FIRST—FOURTH YEARS:	
Trade, Theory and Practice	5½
Religious Knowledge	¼

D/105. PAINTING AND DECORATING (PART-TIME DAY) (LINEN HALL)

FIRST—FOURTH YEARS:	
Trade, Theory and Practice	5½
Religious Knowledge	¼

D/106 (A). PLUMBING (WHOLE-TIME)

Subject	Hours per Week	
	1st Year	2nd Year
Trade, Theory and Practice	16½	19½
Science	3	1½
Technical Drawing	2	2
Mathematics	1½	2½
English	1	—
Irish	1½	—
Religious Instruction and Debate	2½	2½
Physical Education and Swimming	2	2
Total Hours per Week	30	30

Note—On completion of the second year of this Course, students transfer to the third year of the Evening Course (E/106).

D/106 (B). PLUMBING (PART-TIME DAY)

Subject	Hours per Week
FIRST YEAR:	
Trade Practice—I	3½
Trade, Theory and Drawing—I	3
SECOND YEAR:	
Trade Practice—II	3½
Trade, Theory and Drawing—II	3
THIRD AND FOURTH YEARS:	
Trade Practice—III & IV	3½
Trade, Theory and Drawing—III & IV	3

Note—On completion of the third year in this course, students transfer to the fifth year of the Evening Course (E/106).

D/107. VEHICLE BUILDING (PART-TIME DAY AND EVENING)

Class No.	Subject	Day Classes	Evening Classes		
		Hrs./week	Day	Time	Room
641	FIRST YEAR:				
	Geometry—I	1½			
	Trade, Practice and Drawing—I	5			
	Trade, Theory and Drawing—I				
642	Science and Calculations—I		Wed.	7.30-9.30	B 23
			Fri.	7.30-9.30	A 2c

D/107. Vehicle Building (Part-time Day and Evening)—Contd.

Class No.	Subject	Day Classes	Evening Classes		
		Hrs./week	Day	Time	Room
644	SECOND YEAR:				
	Geometry—II	1½			
	Trade, Practice—II	3			
	Welding—II	2			
645	Trade, Theory and Drawing—II		Thurs.	7.30-9.30	B 23
	Science and Calculations—II		Wed.	7.30-9.30	A 26
647	THIRD YEAR:				
	Trade, Theory—III	1½			
	Trade, Practice—III	3			
	Welding—III	2			
648	Trade, Theory and Drawing—III		Fri.	7.30-9.30	B 23
	Science and Calculations—III		Mon.	7.30-9.30	A 26
650	FOURTH YEAR:				
	Trade, Theory—IV	1½			
	Trade, Practice—IV	3			
	Welding—IV	2			
	Trade, Theory and Drawing—IV		Tues.	7.30-9.30	B 23
	FIFTH YEAR:				
	Trade, Theory—V	1½			
	Trade, Practice—V	3			
	Welding—V	2			

**D/107A. VEHICLE TRIMMING
(LINEN HALL)**

FIRST—FOURTH YEARS:						Hours per Week
Trade, Theory and Practice						5½
Geometry and Calculations						2
Religious Knowledge						¾

Note—Students attend one day (6½ hours) and one evening (2 hours) per week.

D/108. WOODCUTTING MACHINISTS' WORK (PART-TIME DAY RELEASE)

Subject	Hours per Week
FIRST YEAR:	
Associated Subjects	1
Trade Theory and Drawing—I	2½
Trade Practice—I	3
SECOND YEAR:	
Associated Subjects	1
Trade Theory and Drawing—II	2½
Trade Practice—II	3

Note—On completion of the second year, students transfer to the evening course E/108.

4. TRADE COURSES (EVENING)
E/101. EVENING COURSE IN BRICKLAYING

Class No.	Subject	Day	Time	Room	Teacher
500	FIRST YEAR:				
	Trade Practice—I	Thurs.	7.30-9.30		Mr. D. Cox
501	Trade Drawing and Theory—I	Mon.	7.30-9.30		Mr. D. Cox
502	SECOND YEAR:				
	Trade Practice—II	Wed.	7.30-9.30		Mr. J. Farrell
503	Trade Theory—II	Tues.	7.30-9.30		Mr. J. Farrell
504	THIRD YEAR:				
	Trade Practice—III	Tues.	7.30-9.30		Mr. D. Cox
505	Trade Drawing and Theory—III	Thurs.	7.30-9.30		Mr. J. Farrell
506	FOURTH YEAR:				
	Trade Practice—IV	Tues.	7.30-9.30		Mr. D. Cox
507	Trade Drawing and Theory—IV	Thurs.	7.30-9.30		Mr. J. Farrell

E/102. EVENING COURSE IN CABINETMAKING

Class No.	Subject	Day	Time	Room	Teacher
620	THIRD YEAR:				
	Furniture Design—III	Mon.	7.30-9.30	B 23	L. Milner
621	Trade Theory—III	Tues.	7.30-9.30	B 25	—
622	Trade Practice—III	Wed.	7.30-9.30	B 25	—
623	FOURTH YEAR:				
	Furniture Design—IV	Mon.	7.30-9.30	B 23	L. Milner
624	Trade Theory—IV	Tues.	7.30-9.30	B 25	—
625	Trade Practice—IV	Thurs.	7.30-9.30	B 25	—

E/103. EVENING COURSE IN CARPENTRY AND JOINERY

522A	FIRST YEAR:				
	Trade Practice—1A	Fri.	7.30-10.0	C 14	—
523A	Geometry and Calculations—1A	Tues.	7.30-8.30	C 22	—
524A	Trade Theory and Drawing—1A	Tues.	8.30-10.0	C 22	—
522B	Trade Practice—1B	Fri.	7.30-10.0	C 15	—
524B	Trade Theory and Drawing—1B	Tues.	7.30-9.00	B 16	—
523B	Geometry and Calculations—1B	Tues.	9.00-10.0	B 16	—
525A	SECOND YEAR:				
	Trade Practice—II A	Mon.	7.30-10.0	C 14	—
527A	Craft Science—Elem. A	Thurs.	7.30-8.30	C 22	—
526A	Trade Theory and Drawing—II A	Thurs.	8.30-10.0	C 22	—
525B	Trade Practice—II B	Mon.	7.30-10.0	C 15	—
526B	Trade Theory and Drawing—II B	Thurs.	7.30-9.00	B 16	—
527B	Craft Science—Elem. B	Thurs.	9.00-10.0	B 16	—

E/103. Evening Course in Carpentry and Joinery—Contd.

Class No.	Subject	Day	Time	Room	Teacher
THIRD YEAR:					
528A	Trade Practice—III A	Wed.	7.30-10.0	C 14	---
529A	Trade Theory and Drawing—III A	Fri.	7.30-9.00	C 22	---
	Associated Subjects	Fri.	9.00-10.0	C 22	---
528B	Trade Practice—III B	Wed.	7.30-10.0	C 15	---
529B	Trade Theory and Drawing—III B	Fri.	7.30-9.00	B 16	---
	Associated Subjects	Fri.	9.00-10.0	B 16	---
FOURTH YEAR:					
530A	Trade Practice—IV A	Tues.	7.30-10.0	C 14	---
531A	Trade Theory and Drawing—IV ...	Wed.	7.30-10.0	C 22	---
405	Building Construction—1C	Mon.	7.30-10.0	C 22	---
530B	Trade Practice—IV B	Tues.	7.30-10.0	C 15	---
531B	Trade Theory and Drawing—IV ...	Wed.	7.30-10.0	C 22	---
405	Building Construction—1C	Mon.	7.30-10.0	C 22	---
FIFTH YEAR:					
532	Trade Practice—V	Thurs.	7.30-10.0	C 14	---
533	Trade Theory and Drawing—V ...	Wed.	7.30-10.0	B 16	---
440	Building Construction—II C	Mon.	7.30-10.0	B 16	---

E/105. EVENING COURSE IN PAINTING AND DECORATING

	FIRST YEAR—A:					
600	Trade Practice—I	...	...	...	Wed. 7.30-9.30	Mr. J. P. Stephens
601	Trade Theory—I	...	...	...	Mon. 7.30-9.30	do.
	FIRST YEAR—B:					
600	Trade Practice—I	...	...	...	Thurs. 7.30-9.30	—
601	Trade Theory—I	...	...	...	Tues. 7.30-9.30	—
	SECOND YEAR :					
603	Trade Practice—II	...	...	...	Mon. 7.30-9.30	Mr. J. Kenny
604	Trade Theory—II	...	...	...	Wed. 7.30-9.30	do.
	THIRD YEAR.				Tues.	
606	Trade Theory and Practice—III	...			and Thurs. 7.30-9.30	Mr. J. Kenny
					Tues.	
608/9	FOURTH YEAR:				and Thurs.	
	Trade Theory and Practice—IV	...			7.30-9.30	do.

E/106. EVENING COURSE IN PLUMBING

Class No.	Subject	Day	Time	Room	Teacher
FIRST YEAR:					
560	Trade, Theory and Drawing—I ...	Tues.	7.30-9.30	C 33	M. McDaid
561	Trade, Practice—I	Wed.	7.30-9.30	C 30	M. McDaid
SECOND YEAR:					
562	Trade, Theory and Drawing—II ...	Fri.	7.30-9.30	C 33	M. McDaid
563	Trade, Practice—II	Thurs.	7.30-9.30	C 30	P. Bolton
THIRD YEAR:					
564	Trade, Theory and Drawing—III ...	Thurs.	7.30-9.30	C 33	A. Byrne
565	Trade, Practice—III	Fri.	7.30-9.30	C 30	A. Byrne
FOURTH YEAR:					
566	Trade, Theory and Drawing—IV ...	Wed.	7.30-9.30	C 33	A. Byrne
567	Trade Practice—IV	Tues.	7.30-9.30	C 31	P. Bolton
FIFTH YEAR:					
568	Trade Practice—V	Mon.	7.30-9.30	C 31	P. Bolton
569	Trade Practice—V	Wed.	7.30-9.30	C 31	P. Bolton

E/107. EVENING COURSE IN VEHICLE BUILDING


Class Nos.	Subject	Day	Time	Room	Teacher
FIRST YEAR:					
640	Trade, Practice—I	Tues.	7.30-9.30	D 19	---
641	Trade, Theory and Drawing—I ...	Wed.	7.30-9.30	B 23	---
642	Science and Calculations—I ...	Fri.	7.30-9.30	A 26	---
SECOND YEAR:					
643	Trade, Practice—II	Tues.	7.30-9.30	D 19	---
644	Trade, Theory and Drawing—II ...	Thurs.	7.30-9.30	B 23	---
645	Science and Calculations—II ...	Wed.	7.30-9.30	A 26	---
THIRD YEAR:					
646	Trade, Practice—III	Tues.	7.30-9.30	D 19	---
647	Trade, Theory and Drawing—III ...	Fri.	7.30-9.30	B 23	---
648	Science and Calculations—III ...	Mon.	7.30-9.30	A 26	---
FOURTH YEAR:					
649	Trade, Practice—IV	Tues.	7.30-9.30	D 19	---
650	Trade, Theory and Drawing—IV ...	Tues.	7.30-9.30	B 23	---

E/108. EVENING COURSE IN WOODCUTTING MACHINISTS' WORK

Class No.	Subject	Day	Time	Room	Teacher
FIRST YEAR:					
540	Trade, Practice—I	Tues.	7.30-9.30	D 10	J. Wall
541	Trade, Theory and Drawing—I ...	Thurs.	7.30-9.30	A 5	J. Wall
SECOND YEAR:					
542	Trade, Practice—II	Fri.	7.30-9.30	D 10	M. McDonnell
543	Trade, Theory and Drawing—II ...	Wed.	7.30-9.30	A 5	J. Wall
THIRD YEAR:					
544	Trade, Practice—III	Thurs.	7.30-9.30	D 10	M. Bridgeman
545	Trade, Theory and Drawing—III & IV	Mon.	7.30-9.30	A 5	J. Wall
FOURTH YEAR:					
546	Trade, Practice—IV	Wed.	7.30-9.30	D 10	M. Bridgeman
547	Trade, Theory and Drawing—III & IV	Mon.	7.30-9.30	A 5	J. Wall

E/110. EVENING COURSE IN PLASTERING

Class No.	Subject	Day	Time	Room	Teacher
FIRST YEAR:					
580/1	Trade Practice and Theory	Tues.	7.30-9.30	LINEN HALL	Mr. Saunders
		Thurs.	7.30-9.30		Mr. Saunders
582/7	SECOND/THIRD YEARS: Trade Practice and Theory	Mon.	7.30-9.30		Mr. L. Comerford
		Wed.	7.30-9.30		Mr. L. Comerford



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